



ROADMAP FOR A SUSTAINABLE SOLID WASTE MANAGEMENT FUTURE



2/4/2016

Environmental Programs Division
Los Angeles County Department of Public Works

Roadmap Subcommittees

Meeting Agenda

2

Thursday, February 4, 2016
9:00 A.M. – 11:00 A.M.

1. Welcome and Introductions
2. General Plan and Community Climate Action Plan Presentation
3. Planning and Measurement
 - Strategy 2: Measuring Results
4. Breakout Sessions
 - ▣ County Unincorporated Communities Subcommittee
 - ▣ Regional/Countywide Subcommittee
 - ▣ County Operations Subcommittee
 - ▣ Outreach and Education Subcommittee
5. Open Discussion and Next Steps

**LA County
General Plan
& Sustainable
Waste Management**

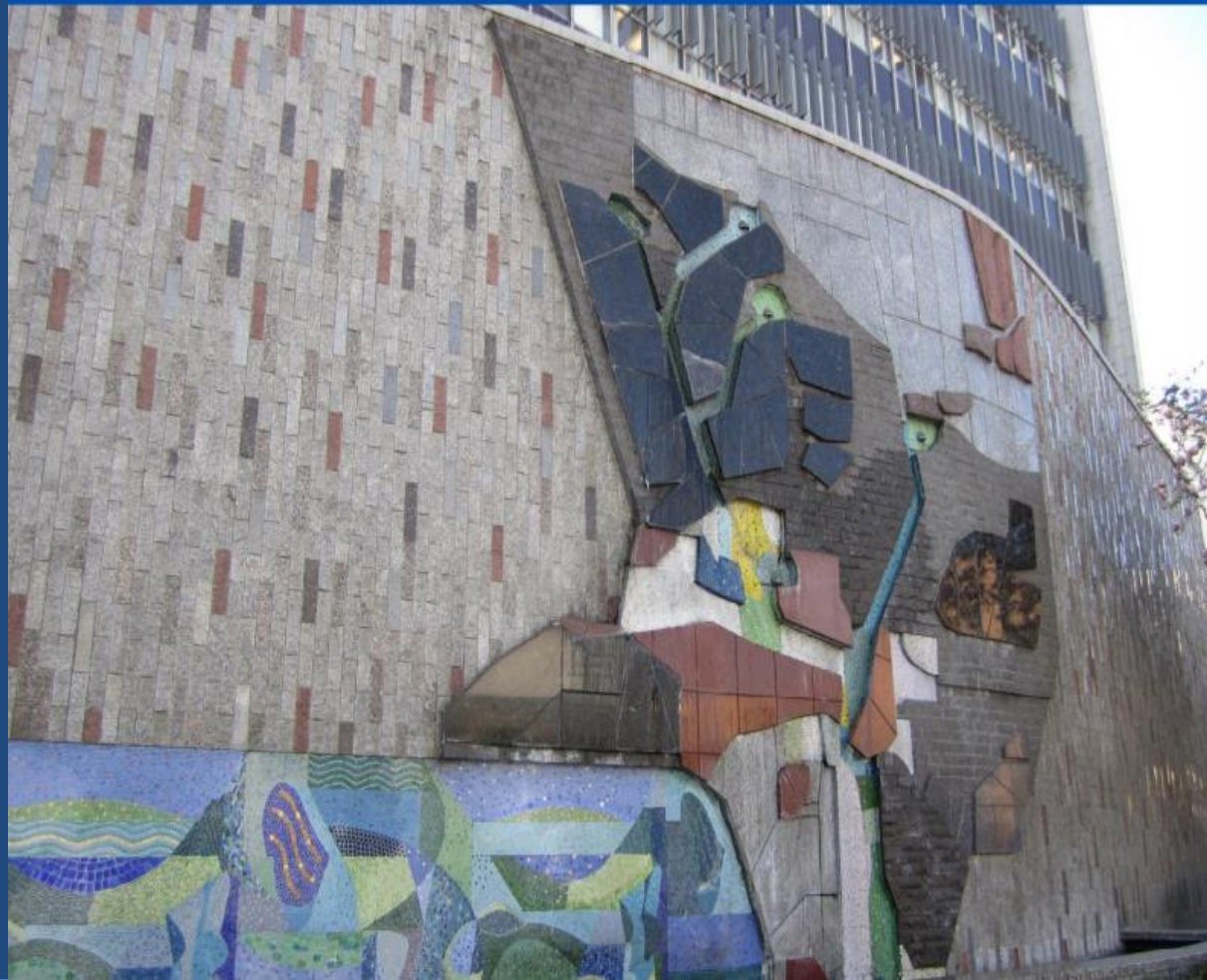
**Connie Chung
Kristen Holdsworth**
Department of Regional Planning

Sustainable Solid Waste
Management Future Roadmap
Implementation Working Group
Subcommittee Meeting
February 4, 2016

Los Angeles County

General Plan

Adopted October 6, 2015



What is the General Plan?

- The General Plan is a long-term vision of growth for LA County unincorporated areas
- The General Plan guides the physical development and conservation through 2035
- Provides a framework of goals, policies, and implementation programs
- Adopted by Board of Supervisors October 2015



Guiding Principles

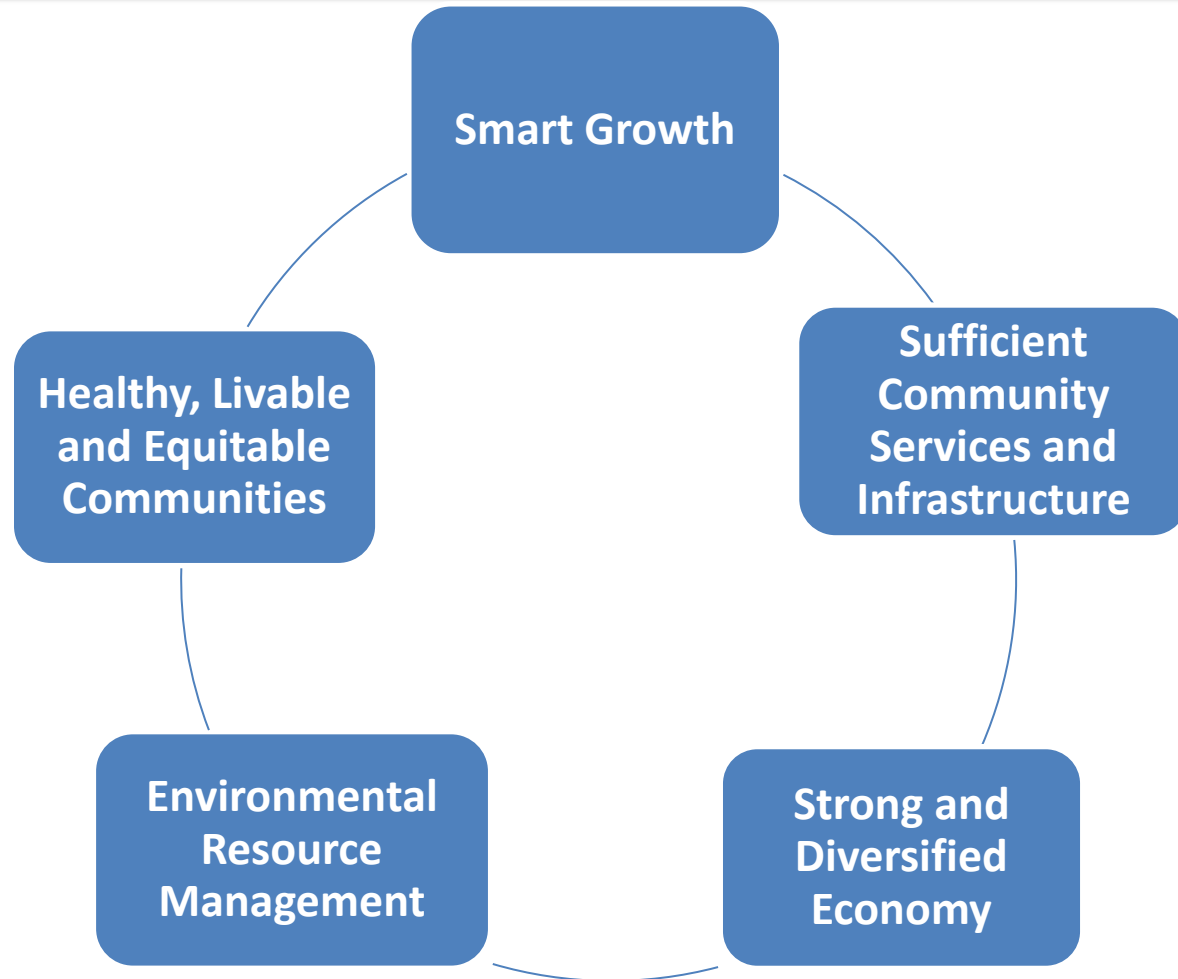
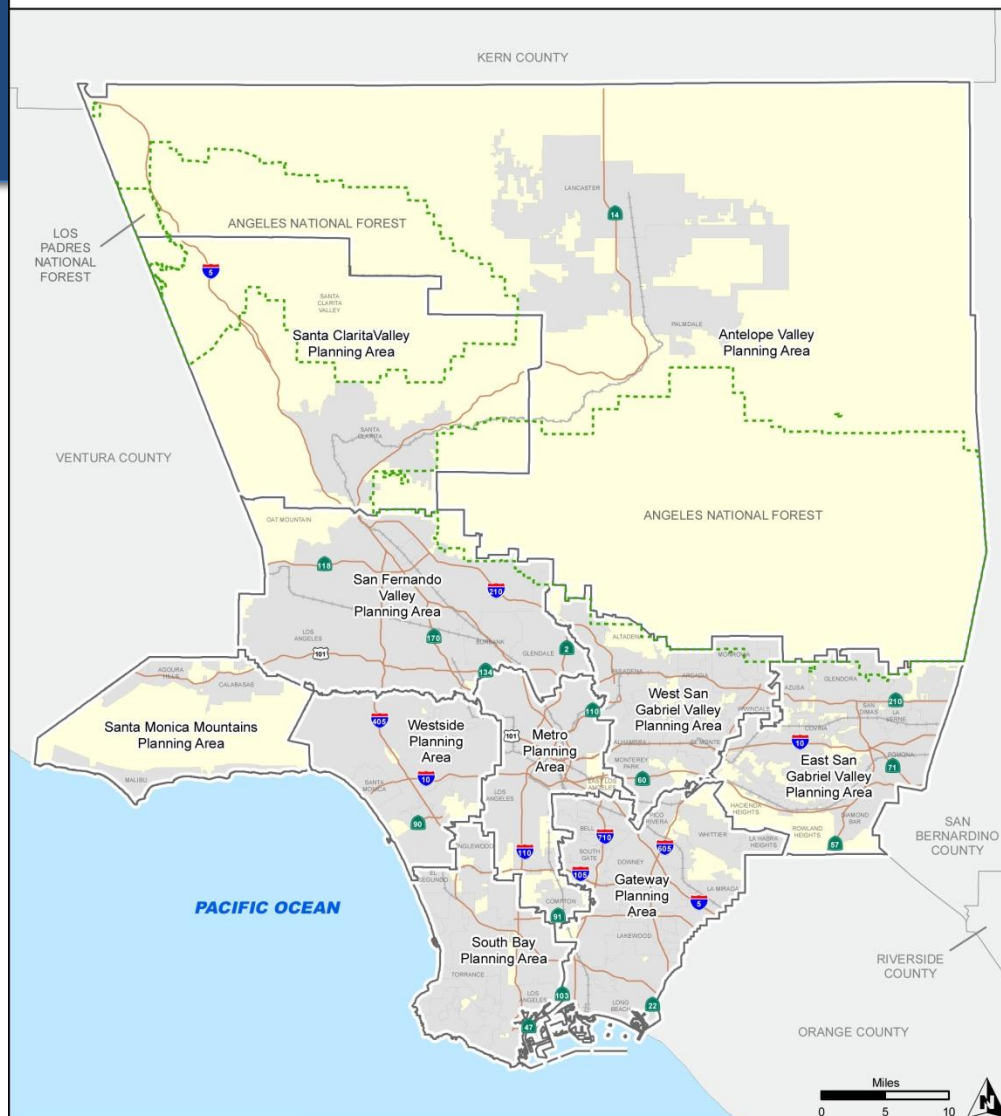


Figure 5.1

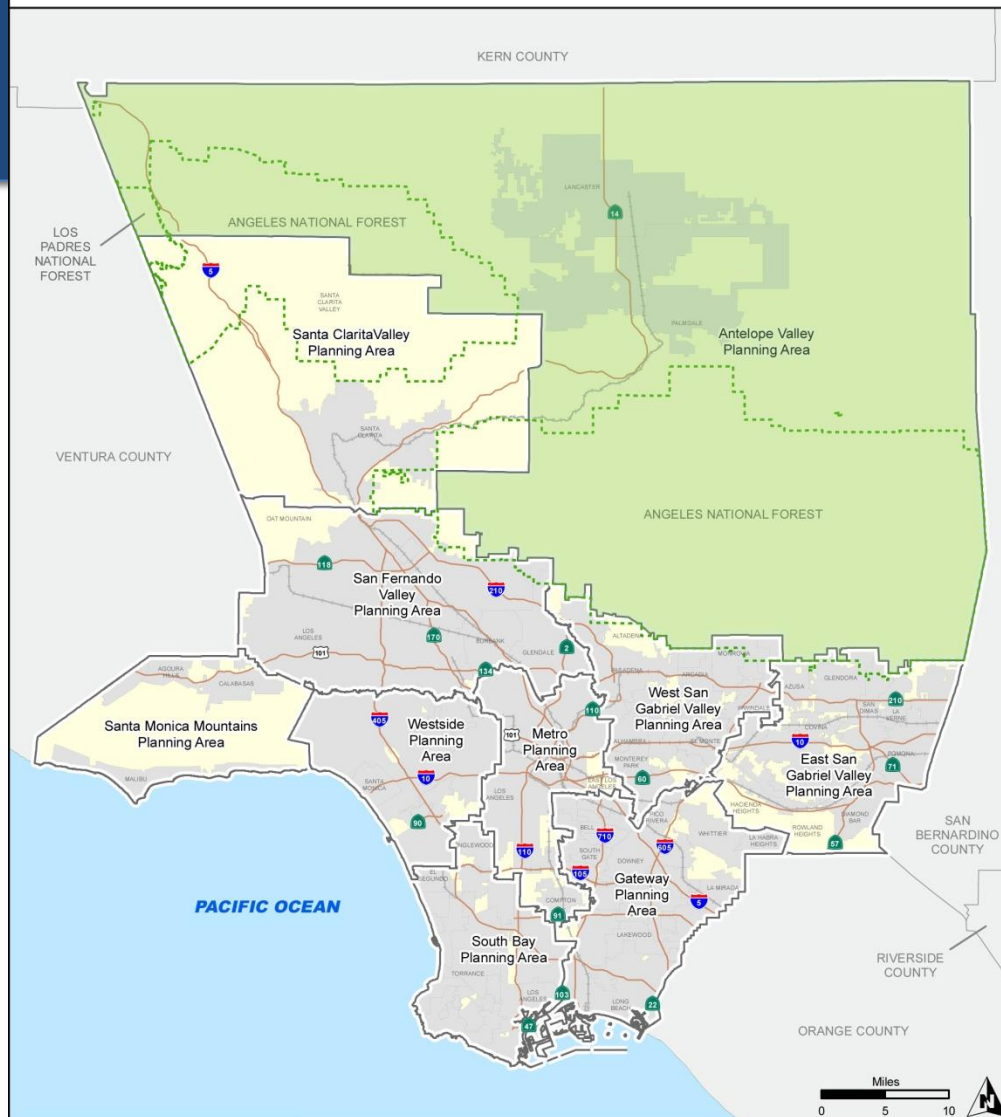


-  Planning Areas
 Unincorporated Areas
 Cities

NOTE: Islands are not shown in their true locations.

Source: Department of Regional Planning, November 2014



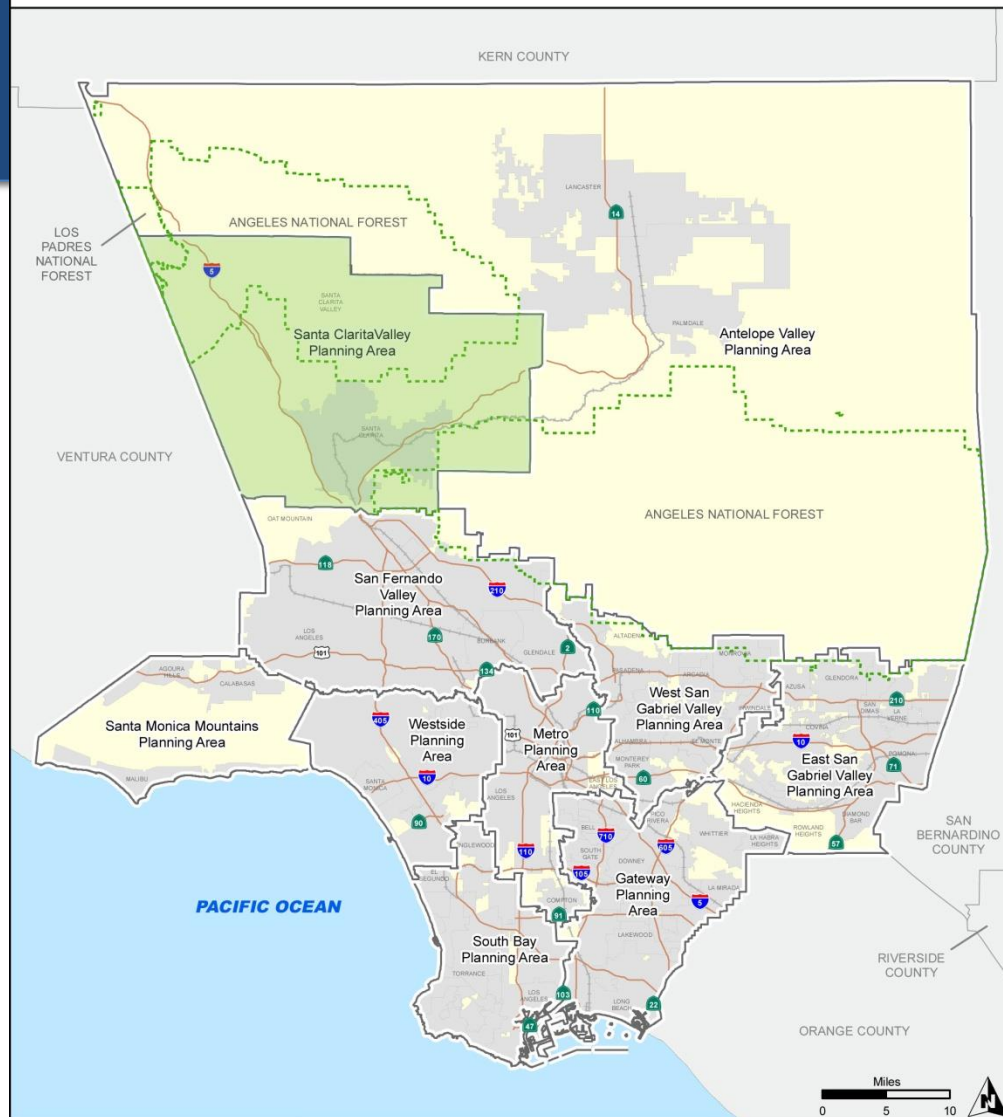


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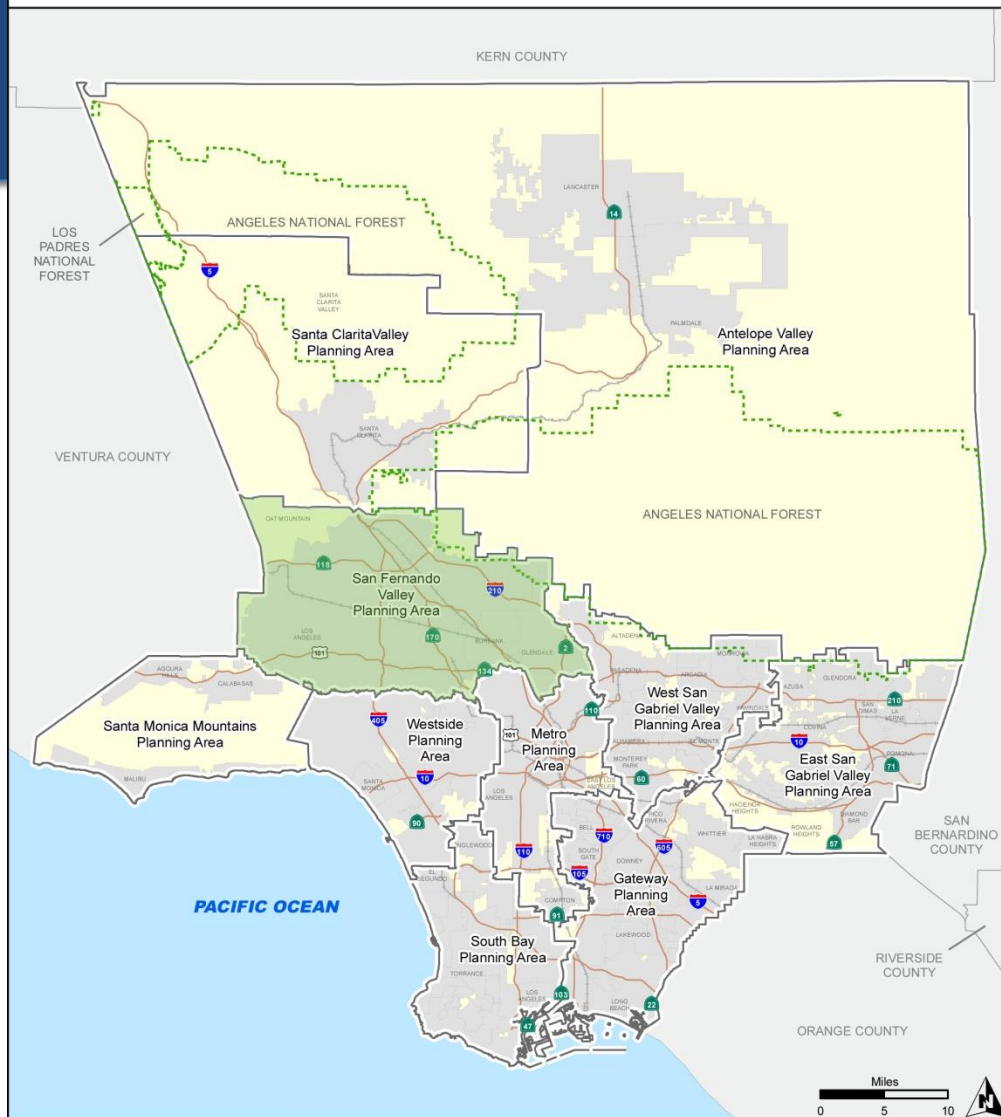


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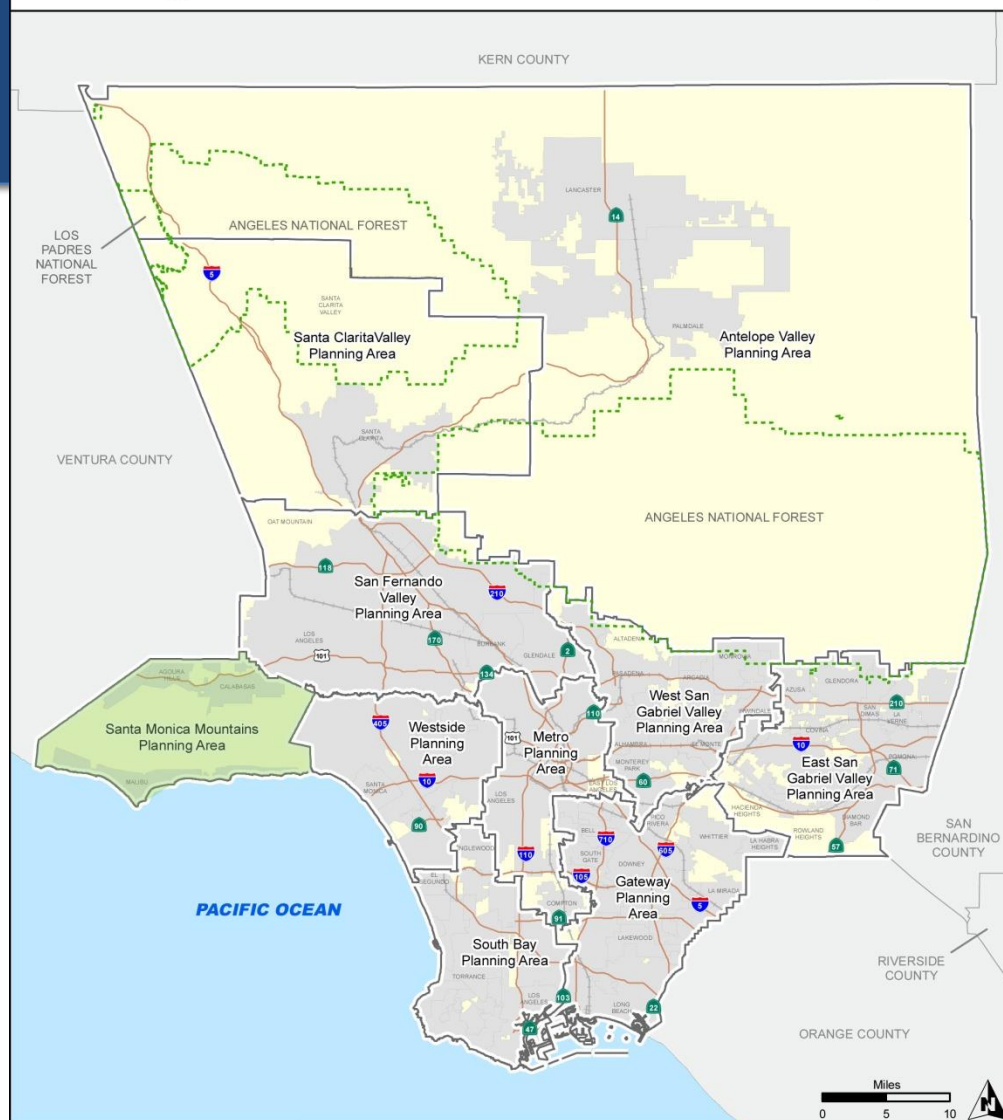
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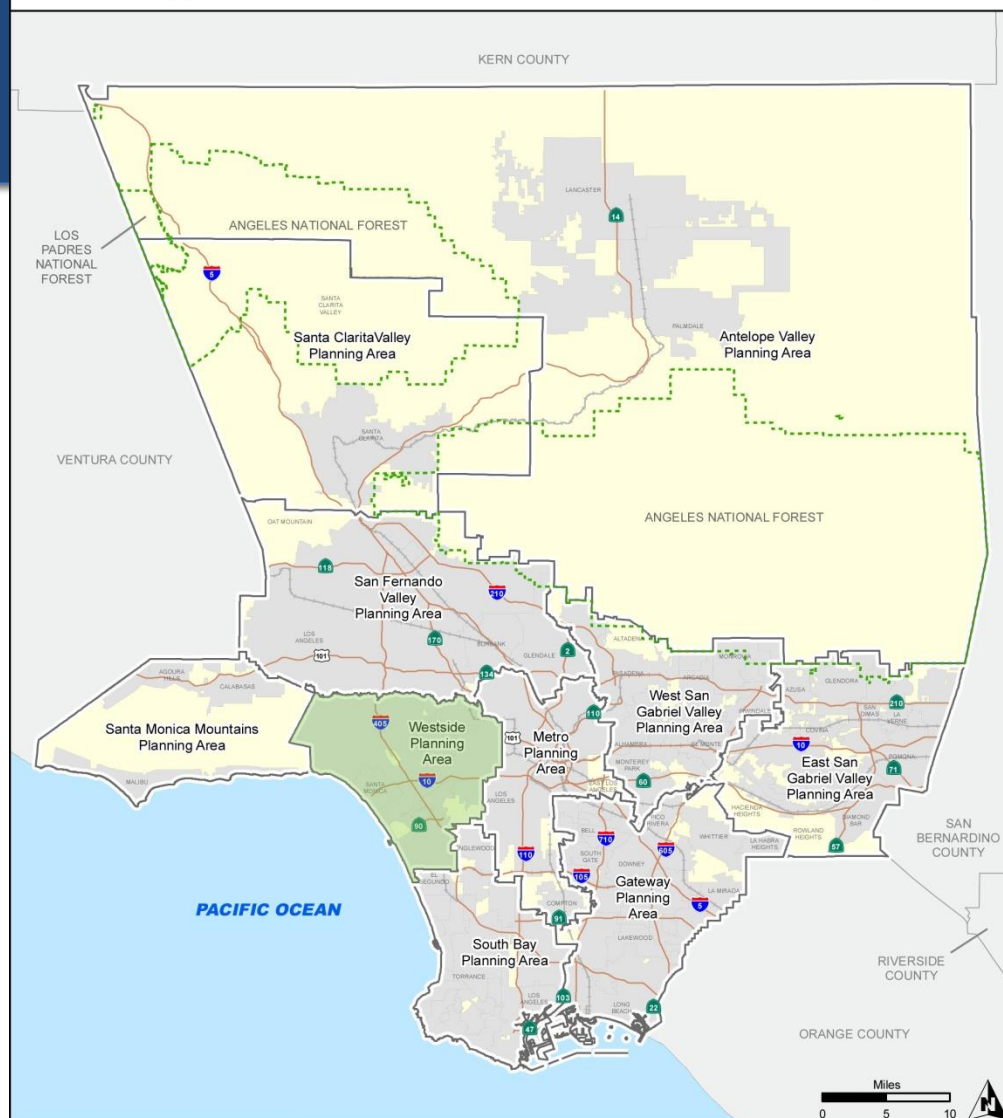
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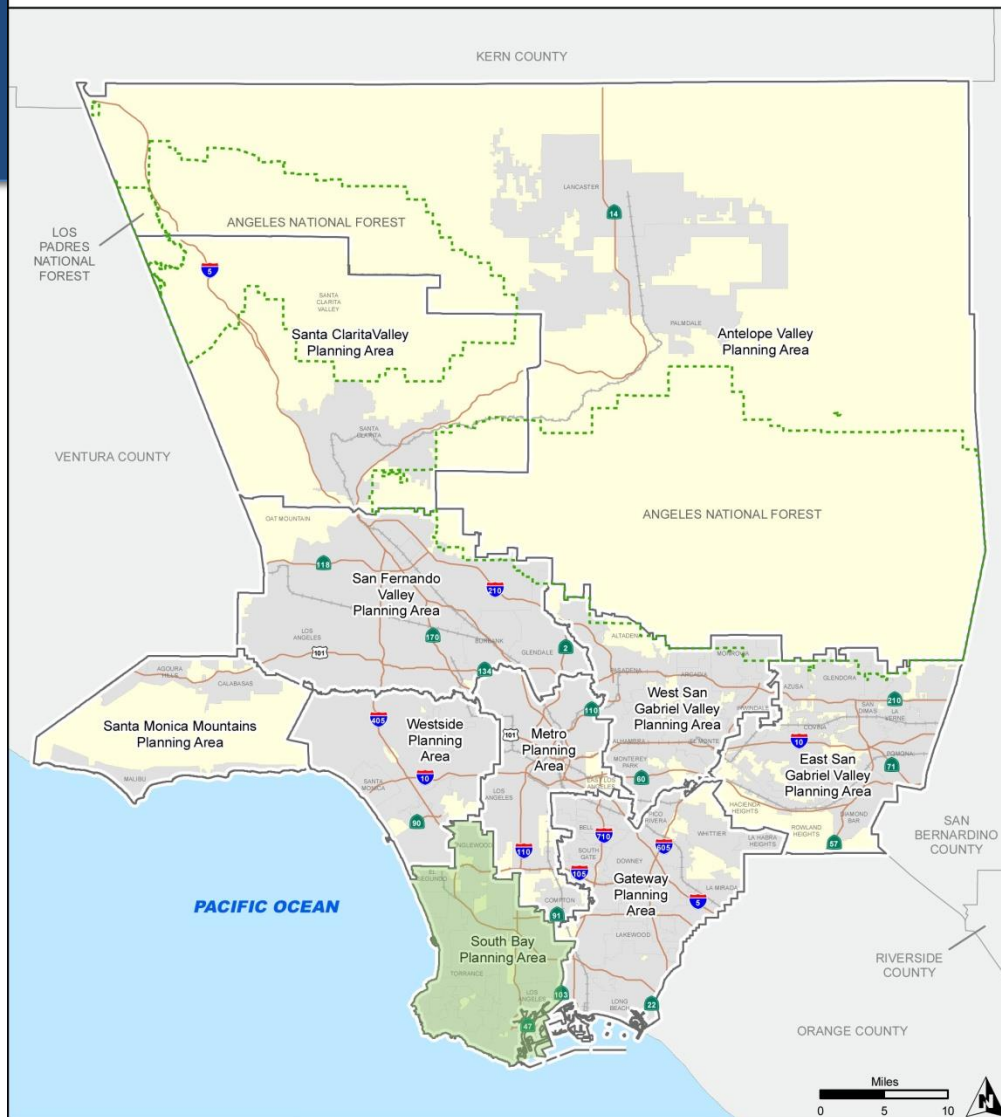


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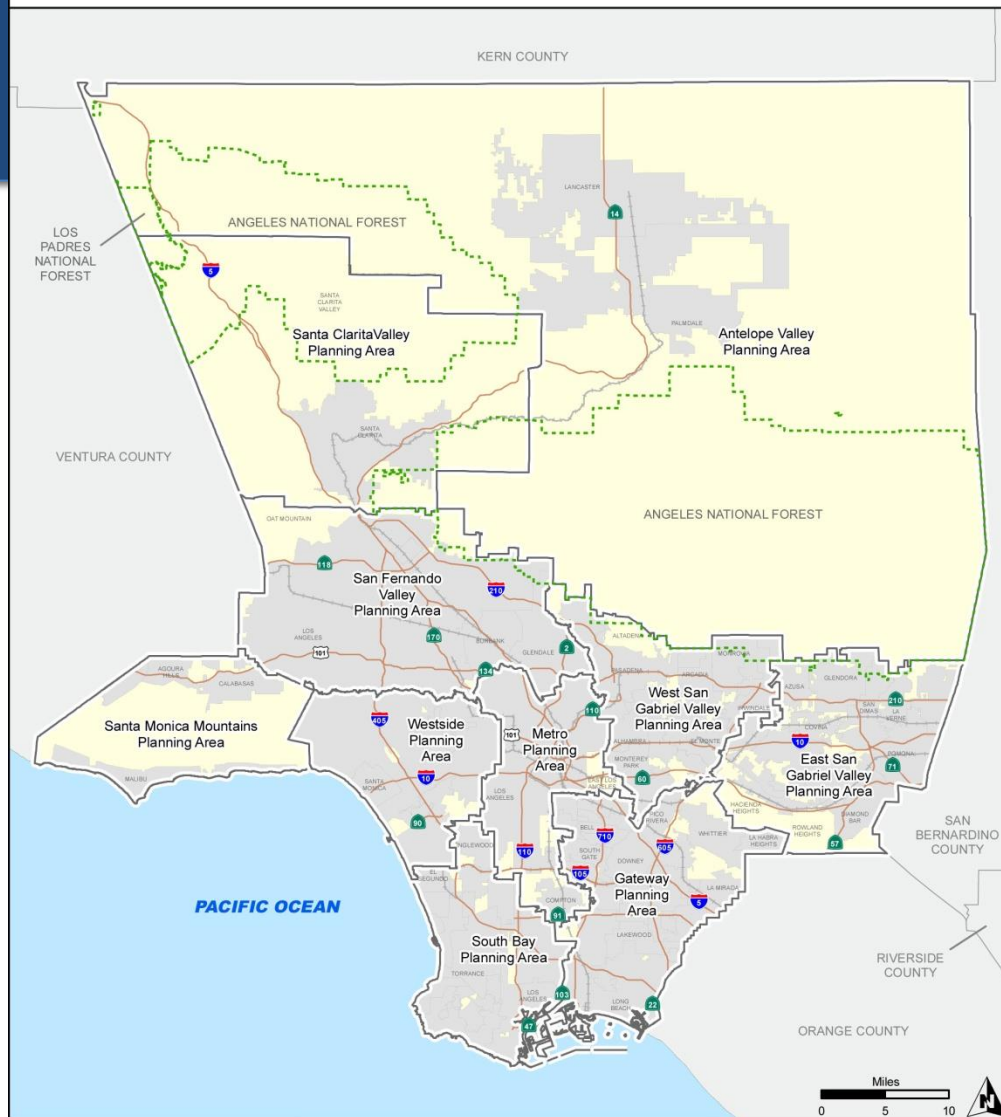


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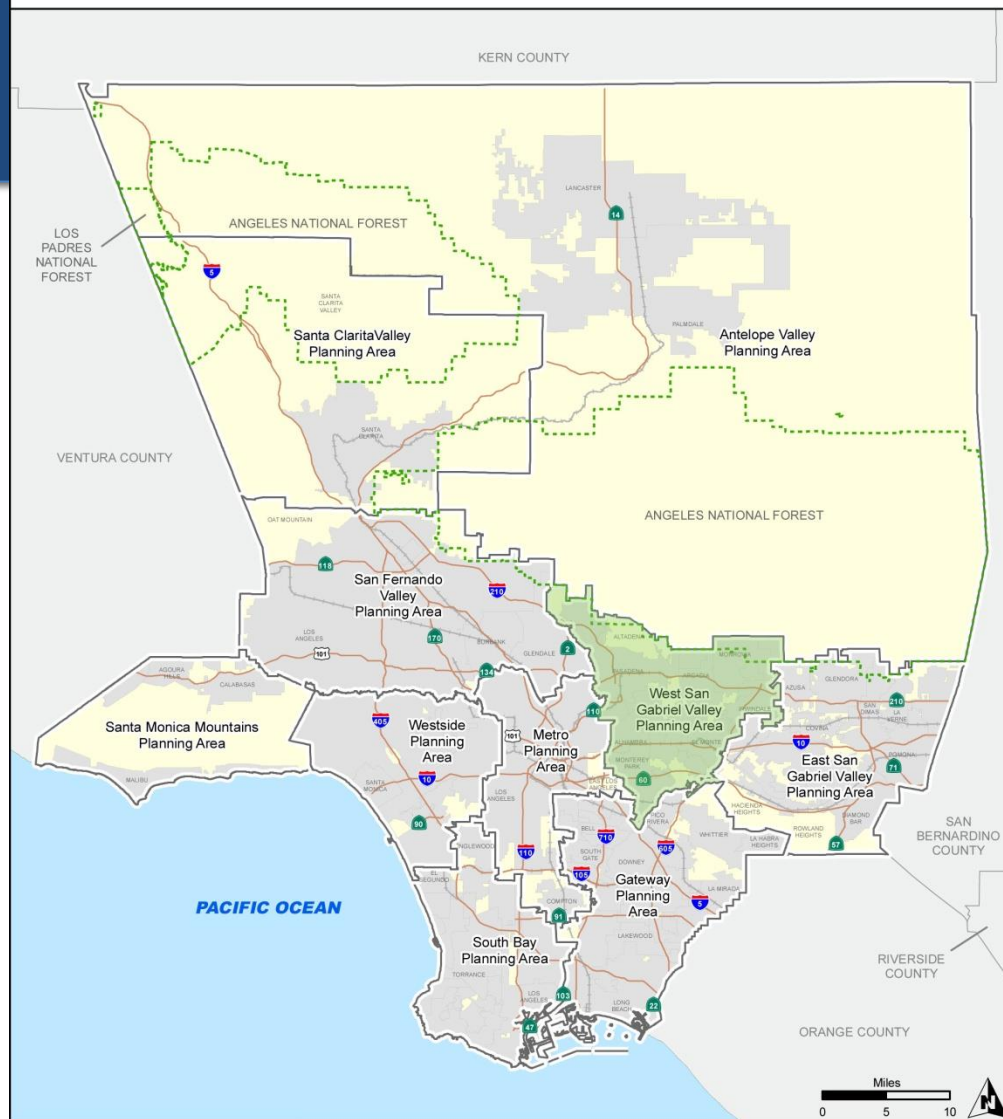
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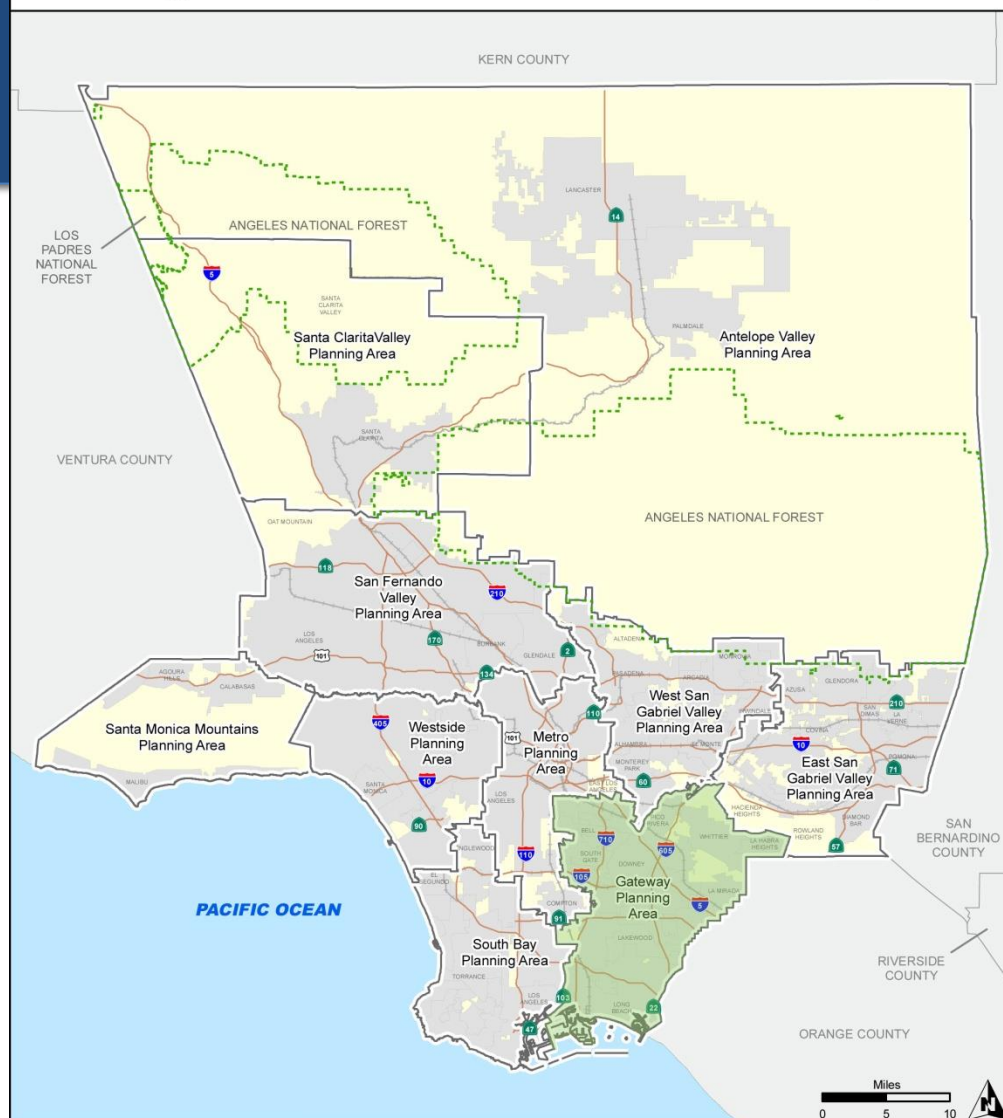
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General Plan Elements

- **Land Use**
- Mobility (includes Bicycle Master Plan)
- **Air Quality (includes CCAP)**
- Conservation and Natural Resources
- Parks and Recreation
- Noise
- Safety
- **Public Services and Facilities**
- Economic Development
- Housing Element- Adopted 2014



Public Services and Facilities Element

- The Public Services and Facilities Element focuses on services and facilities that are affected the most by growth and development:
 - Drinking Water
 - Sanitary Sewers
 - Solid Waste
 - Utilities
 - Early Care and Education
 - Libraries
- This Element **works in conjunction** with the Los Angeles County Department of Public Works (DPW) Strategic Plan, which outlines service delivery goals to address the provision of public services and facilities to the unincorporated areas.



Public Services and Facilities Element

- The Public Services and Facilities Element includes Solid Waste.
- It promotes **minimizing waste and ensuring adequate disposal capacity**.
- This Element's General Plan implementation programs also include Planning Area Capital Improvement Plans To support **strategic planning** for public services and facilities.
- The **Department of Regional Planning** and the **Department of Public Works** will jointly secure sources of funding and conduct studies to assess infrastructure needs.



Public Services and Facilities

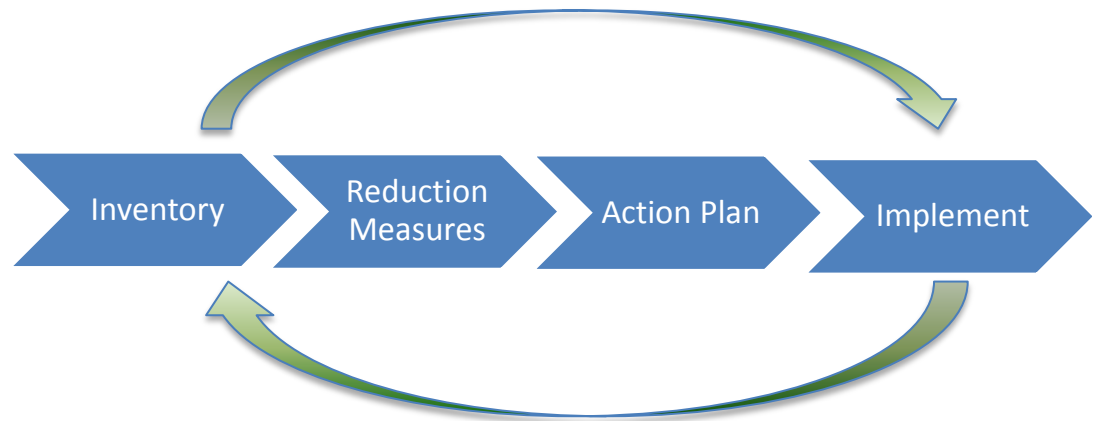
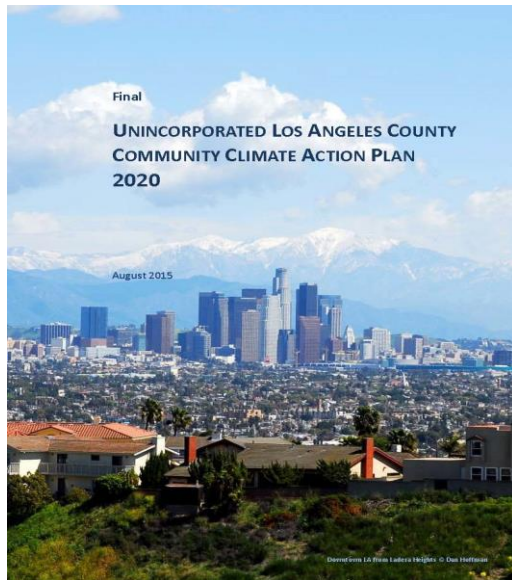
Goals for Solid Waste

Goal PS/F 5: Adequate disposal capacity and minimal waste and pollution.	
Topic	Policy
Waste Management	Policy PS/F 5.1: Maintain an efficient, safe and responsive waste management system that reduces waste while protecting the health and safety of the public.
	Policy PS/F 5.2: Ensure adequate disposal capacity by providing for environmentally sound and technically feasible development of solid waste management facilities, such as landfills and transfer/processing facilities.
	Policy PS/F 5.3: Discourage incompatible land uses near or adjacent to solid waste disposal facilities identified in the Countywide Integrated Waste Management Plan.
Waste Diversion	Policy PS/F 5.4: Encourage solid waste management facilities that utilize conversion and other alternative technologies and waste to energy facilities.
	Policy PS/F 5.5: Reduce the County's waste stream by minimizing waste generation and enhancing diversion.
	Policy PS/F 5.6: Encourage the use and procurement of recyclable and biodegradable materials.
	Policy PS/F 5.7: Encourage the recycling of construction and demolition debris generated by public and private projects.
	Policy PS/F 5.8: Ensure adequate and regular waste and recycling collection services.
	Policy PS/F 5.9: Encourage the availability of trash and recyclables containers in new developments, public streets, and large venues.



Air Quality Element: Community Climate Action Plan

- AB 32 (2006)
- Climate action plans (CAPs) are comprehensive roadmaps that outline specific activities the County will undertake to reduce greenhouse gas emissions.
- CCAP through 2020



COMMUNITY Climate Action Plan

- There are two types of climate action plans: community and municipal
- The CCAP addresses emissions from unincorporated LA County communities
- Does NOT include County facilities or operations

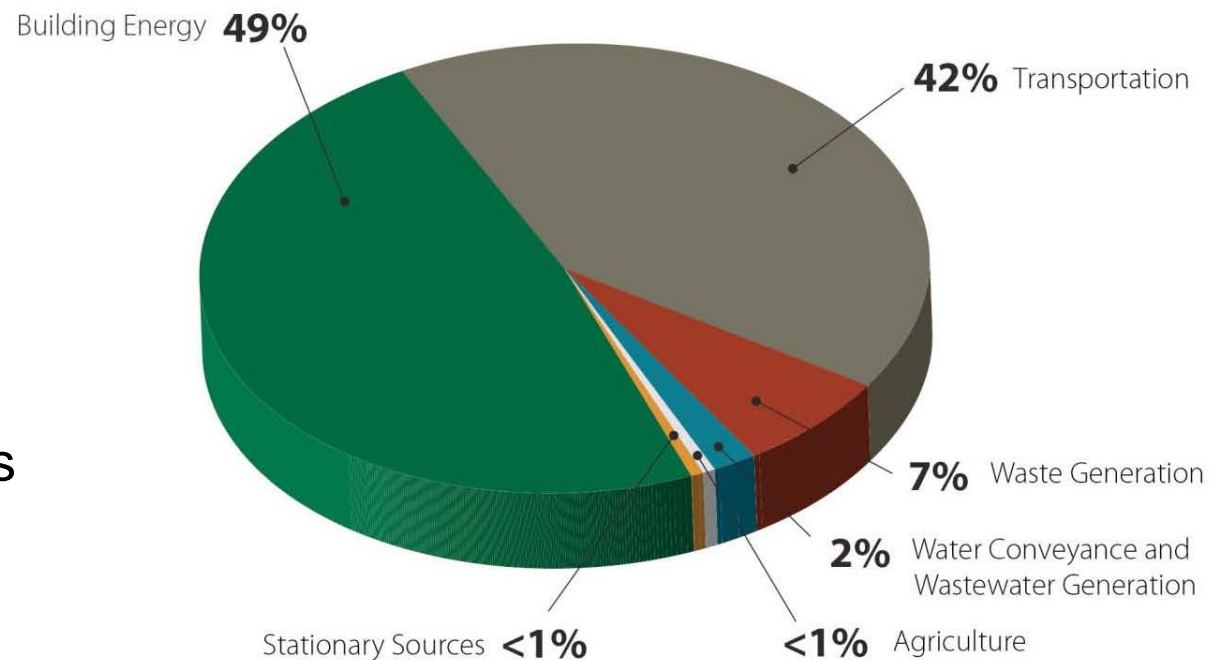
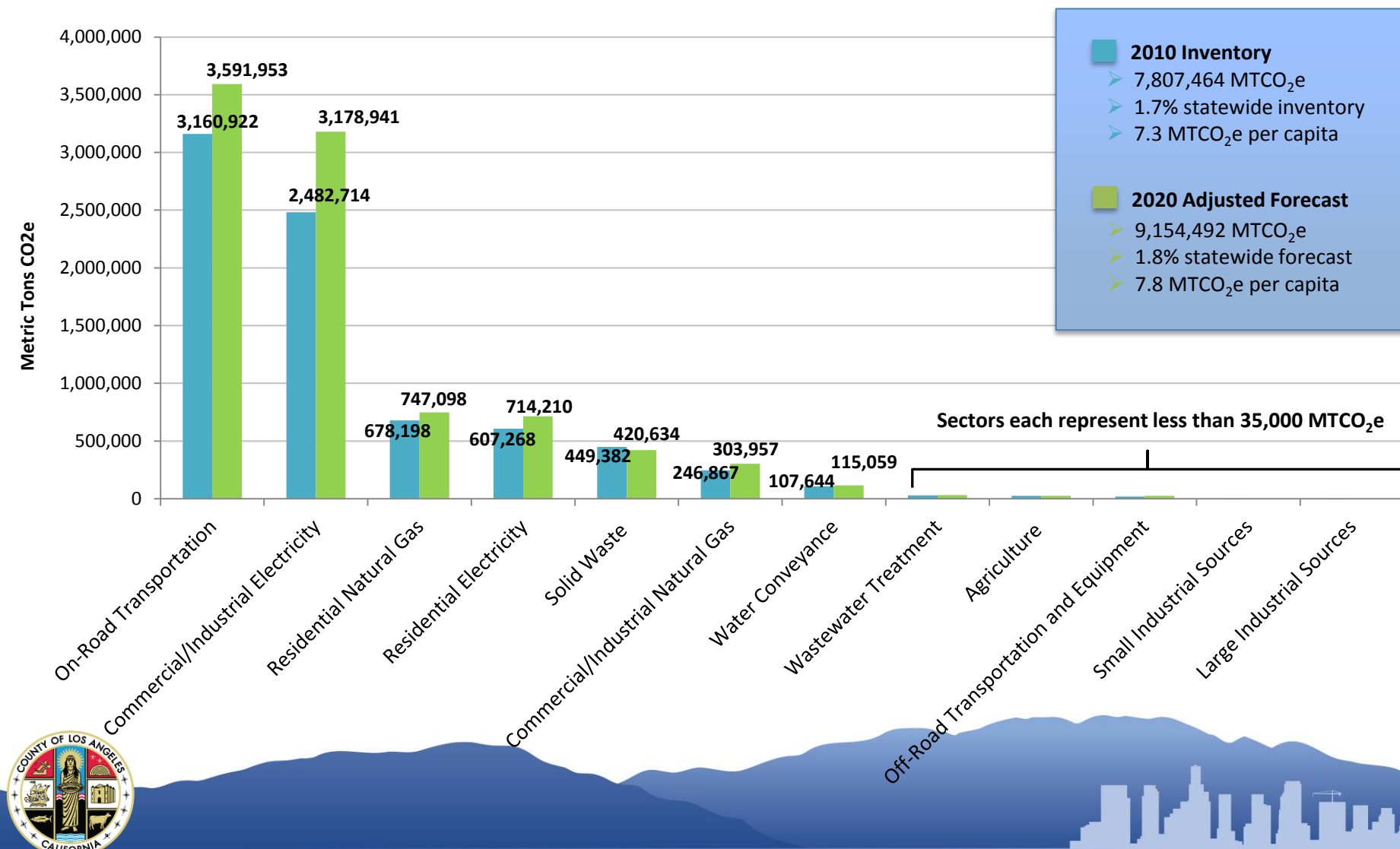


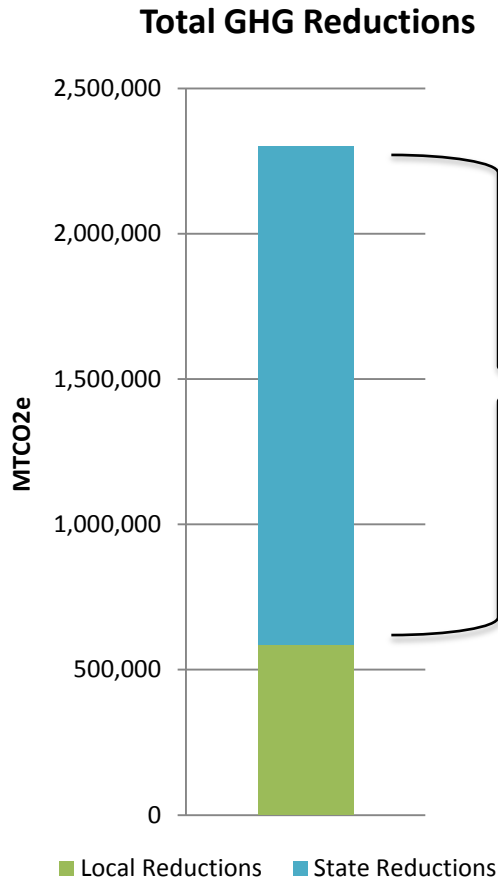
Figure ES-1. 2010 GHG Inventory for Unincorporated LA County by Sector



2010 Inventory and Projected 2020 Emissions



Reduction Strategies & Quantification



- Identify Potential Measures
- Identify Sources/Sectors
- Quantify Reductions

- State actions represent 75% of total Unincorporated County reductions (1.7 MMTCO₂e)
- *Reductions from four State actions:*
 - Renewables Portfolio Standard
 - Title 24 Standards for Commercial and Residential Buildings
 - Low Carbon Fuel Standards
 - California cap-and-trade program

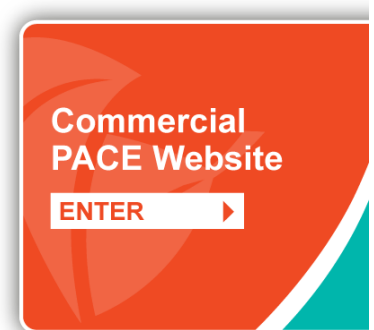


Reduction Strategy Areas (Local Reductions)



Five Consolidated Strategy Areas for **LOCAL** reductions :

- Green Building and Energy
- Water Conservation and Wastewater
- Land Use and Transportation
- Waste Reduction, Reuse, and Recycling
- Land Conservation and Tree Planting



Waste CCAP Measure

Reductions:

1.8% of local Unincorporated County reductions



Proposed CCAP Measure

Title

Goal

Waste Reduction, Reuse, and Recycling

SW-1. Waste Diversion Goal

For the County's unincorporated areas, adopt a waste diversion goal to comply with all state mandates to divert at least 75% of waste from landfill disposal by 2020.

Measure Analysis

Relevant General Plan Policies (2035 General Plan)

Relevant Local Programs

- **Public Services and Facilities:** PS/F 5.1, PS/F 5.2, PS/F 5.4, PS/F 5.5, PS/F 5.6, PS/F 5.7, PS/F 5.8, PS/F 5.9

- Clean LA Recycle Programs
- SCE Residential Appliance Recycling Program
- Construction and Demolition Debris Recycling and Reuse Program



Roadmap to a Sustainable Waste Management Future



The roadmap aligns with:

- The Los Angeles County Strategic Plan, Goal #2: Community Support and Responsiveness;
- The Los Angeles County General Plan
- The final draft Community Climate Action Plan; and
- The Public Works Strategic Plan



LA County Reduction Targets



- 80% diversion from landfills by 2025
- 90% diversion from landfills by 2035
- 95% + diversion from landfills by 2045



Waste Reduction Strategies

Highlighted Roadmap Initiatives

County Unincorporated Communities

- Recover Organics, including Food Waste, to Highest and Best Uses
- Maximize Diversion of Construction and Demolition (C&D) Debris
- Advocate for Extended Producer Responsibility (EPR)
- Waste Sector Assessment
- Communication Action Plan

Regional/ Countywide

- Enhance Household Hazardous Waste (HHW) and Electronic Waste Management
- Develop Conversion Technologies and Integrated Materials Recovery Facilities
- Develop Resource and Recovery Centers and Re-Stores for Self-Haul Customers

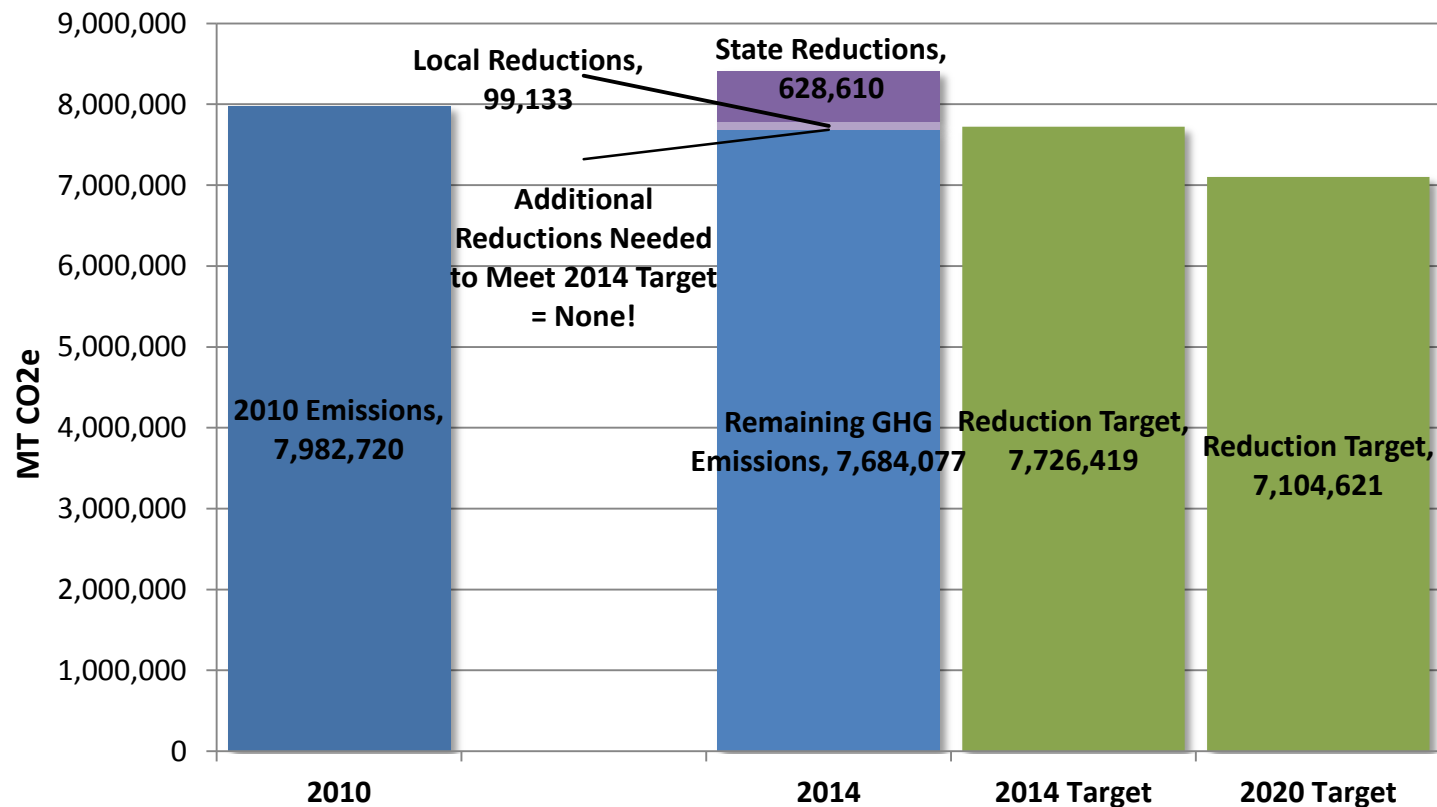
County Operations

- Evaluate County purchasing practices
- Waste Sector Assessment
- Organics Processing Infrastructure at County Facilities



2014 CCAP Implementation

Avoided GHG Emissions for State and Local Actions



Ongoing General Plan & CCAP Implementation (Climate/Environmental Initiatives)

•Healthy Design Ordinance / Workgroups

- Climate/Urban Heat Island
- Urban Forest/Trees
- Livable Design Guidelines
- Grants

•Sustainability Council

- Framework Dashboard
- Cap & Trade Funding

•Department of Regional Planning 2016 Initiatives

- Recycling and Solid Waste Ordinance
- Green Zones
- Cool Roofs, Cool Pavements, EV, Renewable Energy
- Housing & Homelessness
- Equitable Development Work Program, Equity Assessment Tool/Scorecard



For More Information

General Plan: <http://planning.lacounty.gov/generalplan/generalplan>

CCAP: <http://planning.lacounty.gov/ccap>

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Department of Regional Planning

General Plan Development & Housing Section



Open Discussion

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Breakout Sessions:

- ❑ County Operations
- ❑ County Unincorporated Communities
- ❑ Regional/Countywide
- ❑ Outreach and Education



Next meeting is scheduled for April 14, 2016.